

WHAT IS CLAIMED IS:

1. A system for testing electronic modules comprising:  
5 at least one mapping board box including at least one harness port;  
at least one harness operably connected at one end to the at least  
one harness port,  
the mapping board box including a plurality of pin receptors in  
electronic communication with the at least one harness port, the pin receptors  
10 adapted to communicate with a circuit printed on a circuit board with pins,  
wherein the mapping board box is pre-wired to receive circuit boards with a  
variety of pin configurations.
2. The system of claim 1 wherein the dimensions of the at least one  
15 mapping board box are sized to fit a printed circuit board.
3. The system of claim 1 wherein the at least one harness port  
comprises 56 pins.
- 20 4. The system of claim 1 wherein the at least one mapping board box  
comprises 560 pin receptors.
5. The system of claim 1 wherein the at least one harness comprises  
a generic harness.  
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6. The system of claim 5 where in the generic harness comprises 56  
wires.
7. The system of claim 1 further comprising an electronic simulators.  
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8. A method of testing an electronic module, the method comprising pinning a circuit board corresponding to an electronic module; and inserting the pinned circuit board into a pre-wired mapping board box.

9. The method of claim 8, the method further comprising receiving the pinned portion of the board into connection ports in a mapping board box.

10. The method of claim 9, the method further comprising communicating between a circuit and the module via the mapping board box and a harness connection.

11. A system for testing an electronic module comprising:  
means for receiving a circuit board;  
means for communicating between the circuit board receiving means and an electronic module.